Reference to last Measurement
8

First & Final

M. A. R. 57 (Rule 116)
Measurement Book

No. E 557521

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work: Repairs & Maintenance to public Toilet in WN.10. Est cost : 10.00L. work code: 010-20-000069. W/o Reference: BBMP/EE/BTP/E-PMT/WO/106/20-2 Dt: 11/09/2020. Agency: Maruthi Enterprises Prop Chethan A. No 72/1 Nagashettihalli Sanjayanagara Bangalore-94.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 01: Earthwork excavation for foundation of buildings, w/s Sanitary lines etc.,						
	Coloumn footings	~~2~~	2	2	2	16.00	
	Plinth beams						
	4/5	2	4.40	1.20	1.20	11.81	
	5/6	1	8.80	1.20	1.20	7.163	
	Quantity are as per premeasurements recorded vide pg no of this MB is 63.95 cum @ Rs 301.00 = 19249.00						
	Item No 02: Providing & laying in position PCC of mix 1:4:8 etc., Quantity are as per premeasurements recorded vide pg no of this MB is 6.88 cum @ Rs 5135.00 = 35332.00						
	Item No 03: Providing & constructing granite/trap/basalt SSM in						

Serial No. .....
Name of work .....
Name of Contractor of na
Date of commencement o

Date	Full description
1	2
	foundation Quantity ar is 10.16 cum Item No 04 Quantity are is 12.79 @82 Item No 05: Anti termite Quantity are a 19.25 m² @ Rs

M. A. R. 57 (Rule 116) No. E 557522

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	foundation etc., Quantity are as per premeasurements recorded vide pg no of this MB is 10.16 cum @ Rs 4626.10 = 47001.00. Item No 04: Filling excavated earth in sides of foundation etc., Quantity are as per premeasurements recorded vide pg no of this MB is 12.79 @ Rs 202.30 = 2587.00 Item No 05: Providing & injecting chemical emulsion for pre constructional Anti termite treatment etc., Quantity are as per premeasurements recorded vide pg no of this MB is 19.25 m² @ Rs 106.70 = 2054.00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO 06: Providing & removing centering, Shuttering, struting propping etc., Quantity are as per premeasurements recorded vide pg no of this MB is 15.60 Sqm @ Rs 259.70					= 4051.00	
	Item NO 07: Providing & laying in position reinforced cc of mix M25 with OPC cement etc., Quantity are as per premeasurements recorded vide pg no of this MB is 16.87 cum @ Rs 5850.19					= 98691.00	
	Item NO 08: Providing & laying in position reinforced cc of mix M25 with OPC cement etc., Quantity are as per premeasurement recorded vide pg no of this MB is 6.06 cum @ Rs 6084.70					= 36873.00	

Serial No. .....

Name of work .....

Name of Contractor of natur

Date of commencement of v

Date	Full description,
1	2
	Item NO 09 Quantities are MB is 19.68 Item NO 10: Quantities are MB is 22.71 Item NO 11: for roof slab Quantities are MB is 24.50

M. A. R. 57 (Rule 116) No. E 557523
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO 09: Providing & removing centering, Shuttering, struttingete., Quantitiesare as per premeasurement recorded vide pg no of this MB is 19.68 @ Rs 459.00 Eq					= 9033.00	
	Item NO 10: Providing & removing centering shuttering strutting propping etc., Quantities are as per premeasurements recorded vide pg no of this MB is 22.71 Sqm @ Rs 293.9					= 6674.00	
	Item NO 11: Providing & removing centering shuttering strutting propping for roof slab etc, Quantities are as per premeasurements recorded vide pg no of this MB is 24.50 m² @ Rs 523.40					= 12823.00	

Reference to last Measurement 8

ing, strutting
of this
051.00
cc of mix M25
of this
691.00
ed cc of mix
of this
873.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 12: Providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking etc., Quantities are as per premeasurement recorded vide pg no 7 this MB is 3.10T @ Rs 71431.50					= 221438.00	
	Item No 13: Providing and constructing load bearing wall with solid concrete blocks etc.:						
	Ground floor.						
	L/W	1	5.30		2.70	14.31	
	S/W	2	3.95		2.70	21.33	
	Partition wall						
	Toilet wall	1	2.15		1.9	4.09	
		5	1.10		1.90	10.45	
		2	2.65		1.90	10.07	
						60.25	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Serial No. .....
Name of work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
	Deduction
	Ventilat
	Grill
	For 44.55 Sq
	Item No 14: P
	concrete blocks
	Parapet wall

M. A. R. 57 (Rule 116) No. E 557524

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Deduction						
	Door	3	0.90		1.90	5.13	
		5	0.75		1.90	7.13	
	Ventilattor	3	0.60		0.75	1.35	
	Grill open	2	1.50		0.30	0.90	
						14.51	
	For 44.55 Sqm @ Rs 959.3					42737.00.	
	Item No 14: Providing & constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm etc.,						
	Parapet wall 4/w	1	6.80		0.90	6.12	
	S/w	2	4.10		0.90	7.38	
	Wall	1	13.20		1.50	19.80	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					33.30	≃ 33.21 Sqm	
						= 27109.00	
	For 33.21 Sqm @ Rs 816.3						
	Item No 15: Providing 12mm Thick cement plaster in single coat with CM 1:4 etc,						
	ceiling	1	2	5		10	
		1	2	5		10	
						20.00 ≃ 19.25	
	For 19.25 Sqm @ Rs 205.30					= 3952.00	
	Item No 16: Providing 15mm thick cement plaster in single coat with CM 1:3.						
		2	2.15	2.8	3	12.90	
		4	1.20		1.90	9.12	
		4	1.10		1.90	8.36	
		4	1.20		1.90	9.12	
		4	1.10		1.90	8.36	
		2	1.20		1.90	4.56	

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Serial No. .....
Name of work .....
Name of Contractor of n
Date of commencement

Date	Full descripti
1	2
	Passage
	Deduction
	For 62.2
	Item No 1
	CM 1:6 To
	Walls

M. A. R. 57 (Rule 116) No. E 557525

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Passage	1	0.90		1.90	1.71	
		2	3.55		1.90	13.49	
		2	3.55		0.90	6.39	
	Deductions Doors	6	0.75		2.10	9.45	
	Ventillators	3	0.60		0.75	1.35	
	Grill	2	1.50		0.30	0.90	
						62.31	
						62.24	
	For 62.24 Sqm @ Rs 209.4					=13033.00.	
	Item No 17: Providing 18mm Thick cement plaster in single coat with CM 1:6 to masonary walls etc.,						
	Walls	2	4.10	3.00		24.60	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	5.30	3		15.90	
						40.50	= 38.12 Sqm
							= 9400.00
	For 38.12 Sqm @ Rs 246.6						
	Item NO 18: Providing ceramic tiles of approved make, shade & size for flooring etc,						
	Anganawadi Toilet						
	wash basin portion	1	2.15	1.20		2.58	
		2	1.10	1.25		2.75	
	Passage	1	1.20	0.90		1.08	
		1	3.55	0.90		3.20	
	School toilet						
	wash basin portion	1	2.15	1.20		2.58	
		2	1.10	1.25		2.75	
	Passage	1	1.20	0.90		1.08	
		1	3.55	0.90		3.20	
		1	1.50	1.20		1.80	

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BBMP, Bangalore-97

Serial No. .....
Name of work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc,
1	2
	For 20.97 Sqm
	Item NO 19: Pro
	230 X 75 X 10 mm
	Ground floor.
	Anganawadi Toilet
	Wash basin portion
	Passage
	Toilet

M. A. R. 57 (Rule 116) No. E 557526
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	For 20.97 Sqm @ Rs 1217.9					21.01 ≈	20.97 Sqm
	Item No 19: Providing & fixing of clay tiles for					=	25539.00
	230 x 75 x 10 mm thick on 12mm thick CM 1:3 etc.,					cladding	tiles & sqr
	Ground floor.						
	Anganawadi Toilet	2	2.15		1.20	5.16	
		1	1.20		1.20	1.44	
		2	1.10		1.20	2.64	
		1	1.25		1.20	1.50	
	Wash basin portion	2	1.20		1.20	2.88	
		1	0.90		1.20	1.08	
		1	3.55		1.20	4.26	
	Passage	1	0.90		1.20	1.08	
	Toilet	1	2.15		1.20	2.58	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	1.20		1.20	1.44	
		2	1.10		1.20	2.64	
		1	1.25		1.20	1.50	
	Wash basin portion	2	1.20		1.20	2.88	
		1	0.90		1.20	1.08	
	Passage	1	3.55		1.20	4.26	
		1	0.90		1.20	1.08	
	Deductions doors	2	0.75		1.20	-8.10	
					Total =	29.40 Sqm	
	For 29.40 @ RS 1509.8					= 44388.00	
	Item NO 20: Providing & finishing external walls in two coats over one coat of 100% acrylic silicon glazed portion etc., Qty same as external plastering for 38.13 Sqm @ RS 181.20 = 6909.66						

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BBMP, Bangalore - 97

Serial No. .....
Name of work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, et
1	2
	Item NO 21: walls and ceil Qty same as in
	Item NO 22: paint with pr Quantity same
	Item NO 23: Toilets
	Item NO 24: Pro

M. A. R. 57 (Rule 116) No. E 557527
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 21: Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty etc; Qty same as internal plastering for 40.25 Sqm @ Rs 78.20					= 3148.00	
	Item No 22: Providing & applying painting in two coats with plastic emulsion paint with primer of approved brand etc., Quantity same as internall wall & ceiling plastering for 40.25 Sqm @ Rs 90.60					= 3647.00	
	Item No 23: Providing & fixing white vitreous china clay water closet etc., Toilets @ Rs 4988.50	2			2/2	= 9977.00	
	Item No 24: Providing & fixing white vitreous china clay, water closet indian type etc.						

Reference to last Measurement 8

88.00
=
ats over one

09.06

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Jayapura Sub Division
BMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		4				4.00 =	14116.00
	@ Rs 3529.00 Item No 25: Providing & fixing white vitreous china clay flat back wash basin size 630 x 450 with a pair of 15 mm CP brass etc.,						
		02				02.00 2.00 =	1810.00 8067.00
	@ RS 1851.00 4033.00 Item No 26: Providing & fixing 7.5 cms to 15 cms dia NP grating 100 mm ϕ etc.,						
		10				10 =	1510.00
	@ Rs 151.00 Item No 27: Providing & fixing CI Nahani trap of approved make conforing to ISI Specifications						
		8				8.00 =	2013.00
	@ RS 251.60						

Serial No. .....
Name of work .....
Name of Contractor of natur
Date of commencement of w

Date	Full description,
1	2
	Item No 28: quality 15mm
	@
	Item No 29: etc.,
	@
	Item No 30: etc.,
	@ Rs 8
	Item No 31:

Reference to last Measurement 8
4116.00
flat back wash
8x10x00 8067-00
grating 100mm ϕ
1510.00.
ed make conforing
2013.00

M. A. R. 57 (Rule 116) No. E 557528
Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions			Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6	
	Item No 28: Providing & fixing in position brass bib cock of approved quality 15mm nominal bore etc., @ Rs 191.20	10			10.00 =	1912.00
	Item No 29: Providing & fixing in position brass stop cock of approved quality etc., @ Rs 142.00	5			5.00 =	710.00
	Item No 30: Constructing Brick masonary inspection chamber 450 x 450 x 450 etc., @ Rs 8545.70	2			2.00 =	17091.00
	Item No 31: Providing & fixing M.S grill work for windows & ventillators					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	weighing 21 kg/Sqm etc., V	3	0.60		0.75	1.35	
		2	1.50		0.30	0.90	
						2.25	
	By adding 20% extra for wastage					2.45 Sqm	
	at 21 kg/m2 51.45 ≈ 49.56 @ Rs 95.6					= 4738.00	
	Item No 32: Providing & fixing manhole cover of size 600x600 mm q						
	100 kg weight etc.,	2				2.00	
	@ Rs 4948.50					= 9897.00	
	Item No 33: Providing & fixing chorinated CPVC pipes etc.,						
	20mm pipe	1	25.00			25.00	
	@ Rs 236.50/m					= 5913.00	
	25mm pipe	1	30			30.00	
			8			8.00	

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Vidyaranyapura Sub Division
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Serial No. .....
Name of work .....
Name of Contractor of natu
Date of commencement of

Date	Full description,
1	2
	Item No 34: Pvc 6.00 kgf/ @ 436.80/ Item No 35: For 0.06 @ R Item No 36: P for doors, st

M. A. R. 57 (Rule 116) No. E 557529
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						38.00	
	@ Rs 294.90					=	11206.00
	Item No 34: Providing & fixing to wall, ceiling & floor unplasticised 110mm Pvc 6.00 kgf/sqcm						
		1	30.00			30.00	
		1	15.00			15.00	
						45.00	
	@ 436.80/m					=	19656.00
	Item No 35: Providing ~~home~~ wood frames & doors, windows etc.,		6	0.125	0.075	0.06	
	For 0.06 @ Rs 88178.70/m³					=	5291.00
	Item No 36: Providing & fixing in position fully panelled ~~home~~ wood shutter for doors. Styles & rails 40mm etc.,						

Reference to last Measurement
8

738.00
600x600 mm q
BBMP, Bangalore-97

897.00
etc.,

913.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Door	1	0.9		2.10	1.89	
	For 1.89 m² @ Rs 4753.00					= 8983.00.	
	Item No 37: Providing & fixing 30 mm thick factory made rigid foam panelled door shutters made from MS tube of 19 gauge thickness etc.,						
		6	0.75		2.10	9.45	
	For 9.45 m² @ Rs 2795.00					= 26415.00	
	Item No 38: Providing & fixing fixtures for PVC doors shutters including with all accessories etc.,						
	Tower bolt	7 Nos @ 76.80				= 538.00	
	Al drop	7 Nos @ Rs 100.70				= 705.00	
	Aluminium handles	12 Nos @ Rs 17.00				= 205.00	
	Item No 39: Providing & applying painting three coats on new wood surface etc						
	Doors	0.75 1	0.9	1.0/8	2.10	1.89	

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Vidyut Sarvekshane Division
BESCOM, Bangalore - 97

Serial No. .....
Name of work .....
Name of Contractor of n
Date of commencement

Date	Full descript
1	2
	For
	For 3.11
	Item No 4
	10 Kms wit
	9½ wide

M. A. R. 57 (Rule 116) No. E 557530

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	For grill	~~1~~ 3	0.6	0.75	1	1.35	
		2	1.5	0.3		0.90	
						4.14 ≃ 3.11 m²	
	For 3.11 m² @ Rs 50.30					156.00	
	Item No 40: conveying the excavated earth (lead charges) to a with lead &						
	10 Kms with all lead & lift etc.,						
	Qty vide item No 1, for 63.95 m³ @ Rs 82.90					= 5301.00	
						Sub total = 830068.00	
						GST @ 12% = 99608.16	
						Total = 929676.16	

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Bangalore - 97

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BBMP, Bangalore - 97

Reference to last Measurement
8

183.00 .
rigid foam
thickness etc.,

6415.00
shutter

8.00
5.00
.00
Almond surface etc

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: Certified that the above work done satisfactorily by the agency and no materials were issued from department. Sunetha. N L AE (W10) 24/11/2020						

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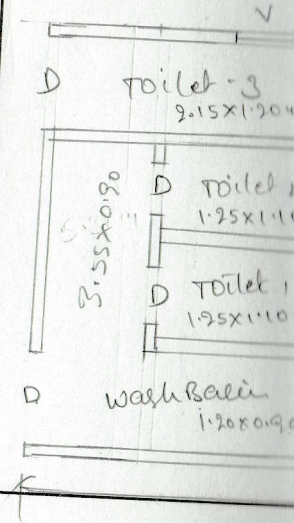
Serial No. .....
Name of work .....
Name of Contractor of nature
Date of commencement of wor

Date	Full description, etc,
1	2
	

M. A. R. 57 (Rule 116) **No. E** 557531

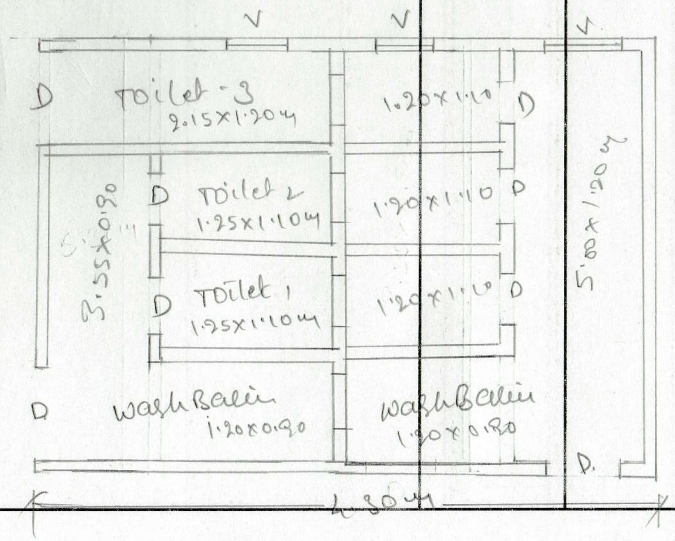
Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
							

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